

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
: **CHIANG** :
: :
Serial No. **Unassigned** :
: :
Filed: **December 21, 2001** :
: :
For: **AUTOMATIC CLEANING APPARATUS** :
: **FOR PAINT SPRAYER GUN** :

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please rewrite the claims as follows:

check valve thereof.

4. The cleaning apparatus of claim 2, wherein a safety valve, an air release valve and a time counter are installed at said air inlet such that said time counter is able to indicate said safety valve to interrupt entry of the pressurized air via said air inlet as soon as the air pressure at said air inlet has reached to a prescribed value.

5. The cleaning apparatus of claim 4, wherein an upper lid is provided for said cleaning tank, and a micro switch capable of detecting the air pressure is installed at a corner on the lower surface of said lid such that said micro switch is actuated to interrupt entry of the compressed air from said

air inlet when said lid is lifted up thereby prohibiting said nozzles to eject the solvent and ensuring security, on the other hand, the compressed air is able to enter the apparatus from said air inlet to perform clearing work by actuation of said micro switch when said lid is closed.

6. The cleaning apparatus of claim 1, wherein an entrainer is provided in said cleaning tank at a proper height with a plurality of through holes formed on the board surface of said entrainer, said first tubes are penetrating through said entrainer together with their nozzles such that the solvent ejected by said nozzles is able to flow into said through holes.

7. The cleaning apparatus of claim 1, wherein a filter cloth is equipped with said check valve.

REMARKS

Please enter the above amendment before calculation of the fee due.

This amendment is made to eliminate a multiple dependent claim. A marked-up copy of the claims is attached hereto as Appendix A.

Respectfully submitted,

By: 

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December 21, 2001
Date

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APPENDIX A

check valve thereof.

4.The cleaning apparatus of claim 2 for 3, wherein a safety valve, an air release valve and a time counter are installed at said air inlet such that said time counter is able to indicate said safety
5 valve to interrupt entry of the pressurized air via said air inlet as soon as the air pressure at said air inlet has reached to a prescribed value.

5.The cleaning apparatus of claim 4, wherein an upper lid is provided for said cleaning tank, and a micro switch capable of
10 detecting the air pressure is installed at a corner on the lower surface of said lid such that said micro switch is actuated to interrupt entry of the compressed air from said air inlet when said lid is lifted up thereby prohibiting said nozzles to eject the solvent and ensuring security, on the other hand, the compressed
15 air is able to enter the apparatus from said air inlet to perform clearing work by actuation of said micro switch when said lid is closed.

6.The cleaning apparatus of claim 1, wherein an entrainer is provided in said cleaning tank at a proper height with a plurality
20 of through holes formed on the board surface of said entrainer, said first tubes are penetrating through said entrainer together with their nozzles such that the solvent ejected by said nozzles is able to flow into said through holes.

7.The cleaning apparatus of claim 1, wherein a filter cloth is
25 equipped with said check valve.